

DOCKET NO. IB-1330-1

In the Claims:

Please amend claim 52 as follows:

52. (Amended) A semiconductor nanocrystal compound, comprising:

a) a water-soluble semiconductor nanocrystal comprising:

i) a core comprising a first semiconductor material; and

ii) a core-overcoating shell comprising a second semiconductor material; and

b) a linking agent linked to said water-soluble semiconductor nanocrystal and capable of linking to an affinity molecule.

REMARKS

Claims 52-73 remain in the application. Claim 52 has been amended to cancel the word "luminescent" from the preamble of the claim in response to a 35 U.S.C. 112, second paragraph rejection which stated that claim 52 was vague because the body of the claim fails to recite any compound with luminescent properties.

The Office Action indicated that claim 52 would be allowable if rewritten or amended to overcome the rejection under 35 U.S.C. 112, second paragraph. The Office Action further states that claims 53-73 are objected to as dependent upon a rejected claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims. In view of this, with the amendment of claim 52, all of the claims should now be allowable.